is higher than said predetermined value.

Please amend claim 2 (amended) as follows:

(Twice Amended) A piezo-oscillator comprising:

an oscillator circuit including a piezo-vibrator and an amplifier circuit, one terminal of said piezo-vibrator being connected to an input terminal of said amplifier circuit and another terminal of said piezo-vibrator being grounded via a capacitance element so that a frequency that is based upon resonance frequency of said piezo-vibrator is outputted from an output of said amplifier circuit,

- a second switch circuit connected to a power source line for said amplifier circuit,
- a constant-current circuit connected to said second switch circuit, and
- a resistor connected to said second switch circuit; wherein
- said second switch circuit

connects said power source line and said constant-current circuit when a voltage to be supplied from a power source is equal to or lower than a predetermined value, and

connects said power source line and said resistor when a voltage to be supplied from said power source is higher than said predetermined value.

Please amend claim 3 (amended) as follows:

(Twice Amended) A piezo-oscillator comprising:

an oscillator circuit including a piezo-vibrator and an amplifier circuit, one terminal of said piezo-vibrator being connected to an input terminal of said amplifier circuit and another terminal of said piezo-vibrator being grounded via a capacitance element so that a frequency that is based upon resonance frequency of said piezo-vibrator is outputted from an output of said amplifier circuit,

- a constant-voltage circuit connected to a power source, and
- a frequency control voltage section connected to said piezo-vibrator, and
- a first switch circuit that connects, by selection, either one of said power source and said constant-voltage circuit to said amplifier circuit; wherein

said first switch circuit

selects said constant-voltage circuit when a voltage to be supplied to said

frequency control voltage section is equal to or lower than a predetermined value, and selects said power source when a voltage to be supplied to said frequency control voltage section is higher than said predetermined value.

Please amend claim 4 (amended) as follows:

4. (Twice Amended) A piezo-oscillator comprising:

an oscillator circuit including a piezo-vibrator and an amplifier circuit, one terminal of said piezo-vibrator being connected to an input terminal of said amplifier circuit and another terminal of said piezo-vibrator being grounded via a capacitance element so that a frequency that is based upon resonance frequency of said piezo-vibrator is outputted from an output of said amplifier circuit,

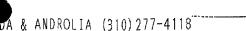
- a frequency control voltage section connected to said piezo-vibrator,
- a second switch circuit connected to a power source line of said oscillator circuit,
- a constant-current circuit connected to said second switch circuit, and
- a resistor connected to said second switch circuit; wherein
- said second switch circuit

connects said power source line and said constant-current circuit when a voltage to be supplied to said frequency control voltage section is equal to or lower than a predetermined value, and

connects said power source line and said resistor when a voltage to be supplied to said frequency control voltage section is higher than said predetermined value.

Please amend claim 5 (amended) as follows:

(Twice Amended) The piezo-oscillator according to claim 3, wherein when a voltage supplied to said frequency control voltage section is higher than said predetermined value, a voltage of said power source is controlled, and a drive level of said piezo-vibrator is changed by changing a voltage to be supplied to said amplifier circuit.



Please amend claim 6 (amended) as follows:

(Twice Amended) The piezo-oscillator according to claim 4, wherein when a voltage supplied to said frequency control voltage section is higher than said predetermined value, a voltage of said power source is controlled, and a drive level of said piezo-vibrator is changed by changing a voltage to be supplied to said amplifier circuit.

Please amend claim 7 as follows:

(Amended) The piezo-oscillator according to claim 5 or 6, wherein it is possible to examine drive level dependency characteristics of said piezo-vibrator by controlling a drive level of said piezo-vibrator.

Please amend claim 8 (amended) as follows:

(Twice Amended) A piezo-oscillator comprising:

an oscillator circuit including a piezo-vibrator and an amplifier circuit, one terminal of said piezo-vibrator being connected to an input terminal of said amplifier circuit and another terminal of said piezo-vibrator being grounded via a capacitance element so that a frequency that is based upon resonance frequency of said piezo-vibrator is outputted from an output of said amplifier circuit,

- a constant-voltage circuit connected to a power source,
- a first switch circuit or a second switch circuit, said first switch circuit connecting, by selection, either one of said power source and said constant-voltage circuit to said amplifier circuit, and said second switch circuit being connected to a power source line for said oscillator circuit.
  - a constant-current circuit connected to said second switch circuit, and a resistor connected to said second switch circuit; wherein said first switch circuit

selects said constant-voltage circuit when a voltage to be supplied from said power source is equal to or lower than a predetermined value, and

selects said power source when a voltage to be supplied from said power source is higher than said predetermined value; or

said second switch circuit

connects said power source line and said constant-current circuit when a voltage to be supplied from said power source is equal to or lower than a predetermined value, and connects said power source line and said resistor when a voltage to be supplied from said power source is higher than said predetermined value.

Please amend claim 9 as follows (Amended) The piezo-oscillator according to claim 6, wherein drive level dependency characteristics of said piezo-vibrator are examined by controlling a drive level of said piezo-vibrator.

Please amend claim 10 as follows:

Amended) The piezo-oscillator according to claim 1, wherein when said voltage to be supplied from said power source is higher than said predetermined value, a voltage to be supplied to said amplifier circuit is changed by controlling a voltage of said power source, thus changing a drive level of said piezo-vibrator.

Please amend claim 11 as follows:

(Amended) The piezo-oscillator according to claim 2, wherein when said voltage to be supplied from said power source is higher than said predetermined value, a voltage to be supplied to said amplifier circuit is changed by controlling a voltage of said power source, thus changing a drive level of said piezo-vibrator.

Please amend claim 12 as follows:

(Amended) The piezo-oscillator according to claim 10, wherein drive level dependency characteristics of said piezo-vibrator are examined by controlling said drive level of said piezo-vibrator.

Please amend claim 13 as follows:

(Amended) The piezo-oscillator according to claim 11, wherein drive level dependency characteristics of said piezo-vibrator are examined by controlling said drive level of said piezo-vibrator.